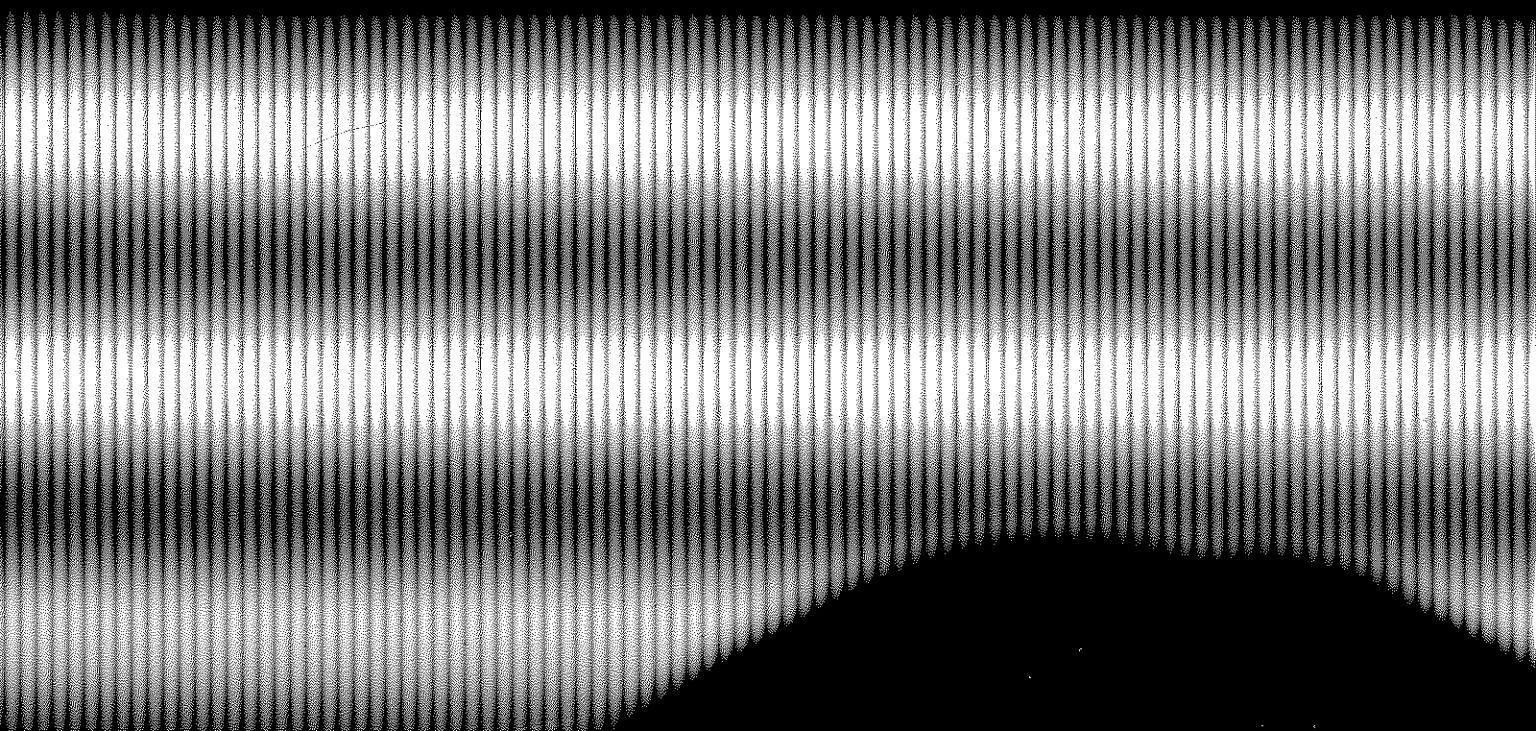
OPERATION MANUAL
MANUAL DE OPERACION

CASIO CHECKBOOK
CB-80

SPARE PARTS MASTER

英西



ar customer,

ngratulations on your purchase of a CHECKBOOK calculator. To utilize its features no special training is required, but we suggest you study this truction manual to become familiar with its many abilities. To help ensure ongevity, do not touch the inside of the calculator, avoid hard knocks and duly strong key pressing. Extreme cold (below 32°F or 0°C), heat (above 1°F or 40°C) and humidity may also affect the functions of the calculator. ver use volatile fluid such as lacquer thinner, benzine, etc. when cleaning unit. For servicing contact the original store or nearby dealer.

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GENERAL GUIDE

o power-off

e unit is left with power on, the auto power-off function automatically turns
he power in approximately 6 minutes, saving battery life. Power is re-
ed by pressing the [ON] key.
n power is resumed, contents of the memories and a designated decimal
e are protected.

Power-on/All clear key:

s to turn the power on. Clears the entire machine except the memories
releases overflow or error check. The [ON] key also overrides the auto
er-off function.

Power-off key:

s the power off.

[C] Clear key:

Clears entry for correction, and releases overflow or error check.

[0] — [9], [·] Numeral/Decimal point keys:

Enters numerals. For decimal places, use the [·] key in its logical sequence.

[+], [−], [×], [÷], [=] Function command/Result keys:

Perform the four basic calculations when these keys are pressed in formula sequence. An incorrect function command ([+], [−], [×] or [÷]) is automatically cleared by pressing the correct function command key.
The [=] key obtains answer after entering numerals and function commands.

[M+] ([M−]) Memory plus (minus) key:

Transfers the displayed number to the independent memory positively (negatively). Obtains answer in four basic calculations and automatically accumulates it into the independent memory positively (negatively).

] Memory recall key:

calls the contents of the independent memory without clearing.

] Memory clear key:

ears the contents of the independent memory.

] Percent key:

rforms percentage calculations, including add-ons/discounts and mark-ups.

] Round key:

signates the decimal mode. Each time this key is pressed, the mode will ange in sequence from "F" to "CUT" to "5/4" to "ADD" to "F". Desig-ed mode will be shown on the display.

The decimal floats and the underflow system works to protect the significant digits.

T: The answer is automatically cut off at 2 decimal places, applying floating mode for entry and intermediate result.

5/4: The answer is rounded off in a similar way to the above.

ADD: Numbers with decimal places can be entered without pressing the [·] key in addition/subtraction and the decimal point is automatically displayed at 2 position.

1 [DEP] Deposit key 1:

Each adds a deposit to a current checking account and displays the new balance.

1 [CHK] Check key 1:

Each subtracts the amount of the check from a current balance and displays the new balance.

1 [BAL] , 2 [BAL] Balance keys 1 and 2:

Recall the balance in both accounts.

2 [PMT] Payment key 2:

Enters payments into the charge account and display the new balance.

Charge key 2:

ucts the amount entered against a current charge account and display new balance.

Grand total key:

ains the total balance of two accounts.

Account designation key:

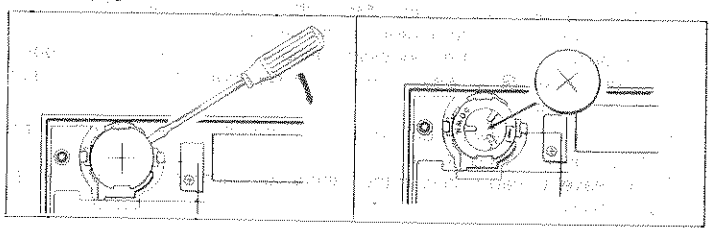
ount 1 or Account 2 is designated alternately each time this key is pressed. e designated the account (1 or 2) remains even when the power is off.

2/BATTERY MAINTENANCE

When battery power decreases, the whole display darkens. Battery should then be renewed. Be sure to press the [OFF] key before changing.

Replacement of battery

1) Open the back panel of the unit by loosening the screws with a ⊕ screwdriver. Never touch the inside of the unit except the battery compartment.
2) Remove dead battery and insert new battery with plus side on top as shown in the figures below.



Replace the back panel. Screw carefully.
After replacing battery, press the AC key, and confirm that "0." is displayed. Then, clear the contents of the independent memory and checkbook memories as follows.

Independent memory
* Press the MC key. "M" symbol will disappear.

Checkbook memories
* Specify the "CUT" mode by pressing the RND key.
* Press 1→2 1BAL 1CHG, 1→2 1→2 2BAL 2CHK and confirm that both operations cause "0.00" to appear on the display.

If an error occurs and memory clear cannot be performed by the above operation, press AC to release the error, and perform the same operation in the "F" mode.

Before inserting a new battery be sure to thoroughly wipe it off with a dry cloth to maintain good contacts.
Do not leave a dead battery in the battery compartment as it may cause malfunctions.

* It is recommended that the battery be replaced every 2 years to prevent the chance of malfunctions due to battery leakage.
* Keep the batteries away from children. If swallowed consult your doctor immediately.

3/OVERFLOW

Overflow is indicated by the "E" sign and stops further calculation. To release the overflow check, press the AC or C key.
AC clears the entire machine except the memories.
C clears only the "E" sign and the displayed approximate number can be utilized in subsequent calculations except in balancing calculations.

Overflow occurs:

a) When the integer part of an answer, whether intermediate or final, exceeds 8 digits. However, it displays the significant digits of the answer and the decimal point indicates that the true decimal position is 8 digits to the right.
b) When the integer part of an accumulated total in the memories exceeds 8 digits.

BALANCING FUNCTION

e CB-80 has two non-volatile memories that maintain balances. They allow
id and easy balancing calculations.
ances stored in these memories are retained even when the power is off.
the number in the account is negative, the number for a corresponding
ccount will blink.

[DEP] [CHK] [BAL] ..... Checking Account Memory 1
[PMT] [CHG] [BAL] ..... Charge Account Memory 2
[GT] ..... Grand total of Memories from 1 to 2

) Before calculation

Identify the decimal mode

The [RND] key designates the decimal mode as follows:
Each time this key is pressed, the mode will change in sequence from "F"

to "CUT" to "5/4" to "ADD" to "F".
The selected mode will show on the display.
The ADD mode can be used when dollars, pounds, etc are the currency unit. Hereafter, the ADD mode will be used in this manual.

2) Memory clear

Be sure both memories are cleared before starting any balancing calculations.

Key operations	Display
1 [BAL][CHK]	ADD 0.00
2 [BAL][CHG]	ADD 0.00

* Checking Account Memory 1 or Charge Account Memory 2 is designated alternately each time the [1↔2] key is pressed.

Checking Account Memory 1

er the balance in your current checking account and press the [DEP] key. ou press the [DEP] key twice the balance stored will be doubled.

ample: Enter $3000 as the current balance into Checking Account Memory 1.

Key operation	Display
300000 [M-] 1 [DEP]	ADD M 3000.00

deposits into your checking account, enter the amount of the deposit with [DEP] key.

Example: Add $150.50 to Checking Account Memory 1.

Key operation	Display
15050 [M-] 1 [DEP]	ADD M 3150.50

Display shows your new balance.

For check payments enter each check value with the [CHK] key. The new balance in your checking account is displayed. Be sure not to press the [CHK] key twice or the balance memory will be cleared.

Example: Enter $100 as the check value written into checking Account Memory 1.

Key operation	Display
10000 [M-] 1 [CHK]	ADD M 3050.50

If you overdraw on your balance (including your initial checking balance), a minus sign appears on the display.

Charge Account Memory 2

r the current balance of your charge account (outstanding charges, in-
st, etc...) with the [CHG] key.

mple: Enter $369 as the current balance in Charge Account Memory 2.

Key operation	Display
36900 [M+] [▶2] 2 [CHG]	ADD M −369.00

2 sign will blink.

n you make payments into a charge account, enter the paid amount with
[PMT] key.

mple: Add $120 to Charge Account Memory 2 as a monthly payment on the charge balance.

Key operation	Display
12000 [M+] 2 [PMT]	ADD M −249.00

Interest added to outstanding charges should be included in your balance with the [CHG] key.

(4) Grand Total

The [GT] key obtains the grand total of Memories 1 and 2. With checking account kept in Memory 1 for example, and charge account in Memory 2, the total assets or debts of the two accounts can be obtained with the [GT] key. If the account is empty, the number for a corresponding account will blink.

Balancing Examples

Example 1)

Present balance

Checking Account 1	$825.00
Charge Account 2	−$123.50

at is the balance of both accounts and the grand total after the following
nsactions?
Wrote checks for 40, $5.50 from Checking Account 1.
Charged $23 to Charge Account 2.
Made payment of $40.50 into Charge Account 2.
e sure to clear both memories before starting the following operations.

	Key operations	Display
cking Account 1	82500 [1-2] 1 [DEP] 4000 [1-2] 1 [CHK] 550 [1-2] 1 [CHK]	ADD 779.50
rge Account 2	12350 [1-2] [1-2] 2 [CHG] 2300 [1-2] 2 [CHG] 4050 [1-2] 2 [PMT]	ADD −106.00
nd total	[GT]	ADD 673.50

Example 2)
Present balance

Checking Account 1	$600.00
Charge Account 2	− $217.50

What is the balance of the both accounts and the grand total after the following transactions.
1) Deposited $150 into Checking Account 1.
2) Charged $57.50 to Charge Account 2.
* Be sure to clear both memories before starting the following operations.

	Key operation	Display
Checking Account 1	60000 [1-2] 1 [DEP] 15000 [1-2] 1 [DEP]	ADD 750.00
Charge Account 2	21750 [1-2] [1-2] 2 [CHG] 5750 [1-2] 2 [CHG]	ADD −275.00
Grand total	[GT]	ADD 475.00

5/SPECIFICATIONS

Abilities: Four basic calculations, constants for +/−/×/÷, memory calculations, percentage calculations including add-ons/discounts and mark-ups, and balancing calculations.

Capacity: 8 digits

Auto-power-off: After approximately 6 minutes (When the power is resumed by the AC key, memory contents are protected.)

Power consumption: 0.0004 W

Power source: One lithium battery (type: CR2025C)
The unit gives approximately 1500 hours continuous operation on type CR2025C.

Ambient temperature range: 0°C — 40°C (32°F — 104°F)

Dimensions: 5.5H x 157W x 70mmD (7/32"H x 6 1/4"W x 2 3/4"D)

Weight: 69g (2.4 oz)